

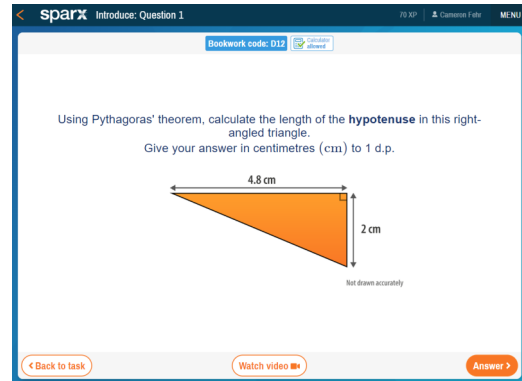
Top Tips for Maths Revision

1. Make the most of lessons

Teachers plan lessons to specifically meet your needs, taking into consideration your performance on assessments.

2. Complete homework on Sparx (www.sparxmaths.uk)

These homework tasks reinforce classroom learning and include revision of previous topics. Complete these tasks every week.



3. Utilise feedback sheets with Sparx

Work on specific areas for improvement. You have QLA sheets from all assessments matching topics to Sparx codes. Look up the topics. Complete questions with the videos to support.

Year 10 Assessment 2 Foundation		18/12/23		Name.....	
Mark: / 44		MTG:		Assessment Grade:	
Q	rag	Sparx/Q	rag	Sparx	
1	/2 A	U753	9	Combining ratios	/2 A U921
2	/3 A	U687	10	Solving proportion problems	/3 B M478
3	/1 A	U176	11	Using equivalent ratios to find unknown amounts	/2 A U753
4	/3 B	U721	12	Solving inverse proportion word problems	/2 B U357
5	/2 A	U577	13	Write ratios in the form 1:n or n:1	/2 A U687
6	/4 B	U721	14	Congruent triangles	/4 C U866
7	/5 C	U578	15	Using equivalent ratios, difference known	/3 A U753
8	/3 A	U577	16	Recipe problems	/2 B

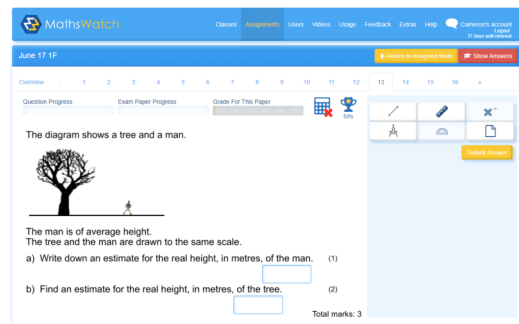
I am closing the gap by working through these Sparx topics.

1. 2. 3.

Questions	Question Title	Score	Clip Number
1	Convert decimals to fractions	1 / 1	52
2	Comparing negative numbers	1 / 1	37
3	Factors of a number	1 / 1	27
4	Converting mass	1 / 1	695
5	Read & write positive integers	1 / 1	13
6	Money	2 / 3	747
7	Writing algebraic expressions	1 / 1	153
8a	Simplifying expressions involving multiplication	0 / 1	158
8b	Indices with algebraic expressions	0 / 1	173
8c	Simplifying expressions involving division	0 / 2	159
9ai	Interpret a pictogram	1 / 1	426
9aii	Interpret a pictogram	1 / 1	426
9b	Complete a pictogram	1 / 1	426
10	Compare positive and negative numbers	1 / 2	14, 37
11	Substitution	0 / 2	784
12a	Read timetables	1 / 1	No video/quiz
12b	Read timetables	2 / 2	No video/quiz
13	Multiplication and division problem solving	3 / 3	23
14	Area of rectangles, find percentages of amounts	2 / 4	554, 84
15a	Comparing probabilities	1 / 1	149, 46, 350
15b	Probability of an event not happening	0 / 1	353
15c	Expectation	0 / 2	355
16	Direct Proportion	1 / 4	341
17	Direct Proportion, converting time	2 / 4	339, 710
18	Loc, scale diagrams	0 / 4	676, 679, 867
19a	Solve single linear inequalities (positive x)	0 / 2	269
19b	Solve double linear inequalities and represent on a number line	0 / 3	272, 265
20	Straight line graphs	0 / 3	208
21i	Express one number as a fraction as another, Fractions of an amount	0 / 2	62, 77
21ii	Census, sampling & bias	0 / 1	394
22	Volume of a cuboid, fractions of an amount, converting volume	4 / 4	568, 77, 204
23	Share in a given ratio	0 / 4	332
24a	Ordinary to standard form	1 / 1	122
24b	Standard Form to ordinary	1 / 1	123
25a	Fibonacci sequence	1 / 1	263
25b	Fibonacci sequence	0 / 2	263
26	Error Intervals	1 / 2	774
27	Surface area of cylinders	1 / 5	586
Total		36 / 80	

4. Complete past papers with OnMaths (www.onmaths.com)

These exams mirror the actual past papers. They are marked automatically and assign you a grade. Videos walkthroughs are also provided.



5. Complete past papers on paper

Your maths teacher will provide you with papers throughout the year.

6. Attend Maths intervention

Every Wednesday after school (3:00pm to 4:00pm) in IT1 for all students.